User manual

Version 1.9.1 - January 2014

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More information can be found at www.xxter.com

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Welcome

With xxter you can control your automated home or office with your smartphone or tablet in only a few steps.

This manual is intended for the end user and requires that the home automation and the xxter device are properly installed and configured by an installation professional. The basic xxter installation is described in the installation manual and is required for xxter to work. Make sure this installation is completed before you continue.

In the following chapters you will be taken through the steps to configure the visualisation for your smartphone or tablet and how to use xxter's features, including scenarios, the scheduler and the alert service.

This manual will focus on the basic functionalities of xxter. For the set-up and use of additional options like intercom systems, scripts and many other features, please refer to the website: www.xxter.com.

We hope you enjoy using xxter!

1. xxter introduction

With the xxter app you can see and control your automated home with your smartphone or tablet. This is often called a visualisation. You can configure the visualisation on xxter's central servers and then load it onto your smartphone or tablet. The xxter visualisation always consists of a profile and one or more pages:

The profile describes the basic characteristics of the visualisation. It is possible to use multiple profiles next to each other. On your smartphone or tablet you can choose which profile you want to load. This way it is for instance possible to use one profile for yourself and another for your children.

The pages are the different visualisation screens within the profile. Every profile has one page as a start page and an unlimited amount of subsequent pages.

When you have created your visualisation, it must be loaded in the xxter app on your smartphone or tablet. To do this, the app will connect to the xxter device in your home or office to retrieve the intended profile from xxter's central servers.

After the visualisation is downloaded onto your smartphone or tablet, you can control your automated home, set up scenarios and use the scheduler.

In the following chapters you will be guided through this configuration step by step.

2. Logging in to My xxter

To create a visualisation, you have to log in to *My xxter*, using the following web page:

http://www.xxter.com/myxxter

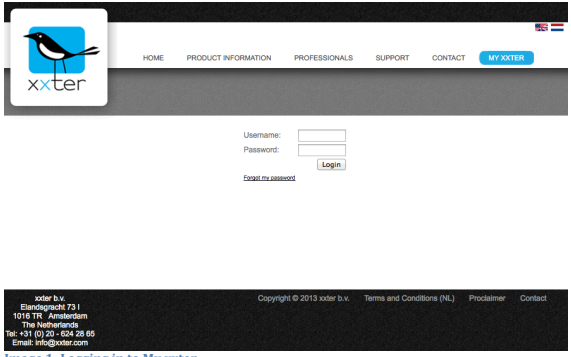


Image 1: Logging in to My xxter

This requires your login and password as an end user. The installation professional should have created this for you, and written it on the back page of this manual. In case this has not been done yet, please contact your installation professional.

After you have logged in you will see your personal information, as they have been entered by the installation professional. You can alter this information by clicking on "*Change*".

3. Profile set-up

For new users there is a "Standard profile" created automatically. You can select this by choosing the "*Standard profile*" in the *Profiles* menu. An example of a smartphone is shown with the default settings for every page of the profile. These settings are automatically used, but can always be over ruled for an individual page.

In case you want to use a background image, you can choose one from the standard selection of images that is available. Of course you can also add a personal background image through the *Images* menu.

Every profile has a name, which you can change for better identification. After any changes always confirm your actions by clicking the "*Apply changes*" button.

Adding a new profile

By selecting "*New profile*" in the *Profile* menu, you can add a new empty profile or select one of the standard demo profiles. The demo profiles can be experienced in the demo of the app on your smartphone or tablet. These demo profiles can be used as a base to create your own visualisation.

You can also copy a profile, which will duplicate the profile **including all subsequent pages**. We always recommend this action when you intend to make bigger changes to a working profile, because this will allow you to always fall back on the last working version of the profile you were using.

You can use an unlimited amount of profiles.

4. Page configuration

After you have selected the profile you want to edit, you can configure the subsequent pages using the *Pages* menu. Here you can select one of the existing pages or create a new one.

You will see the settings of the selected page. For new pages, the default settings of the profile will be used.

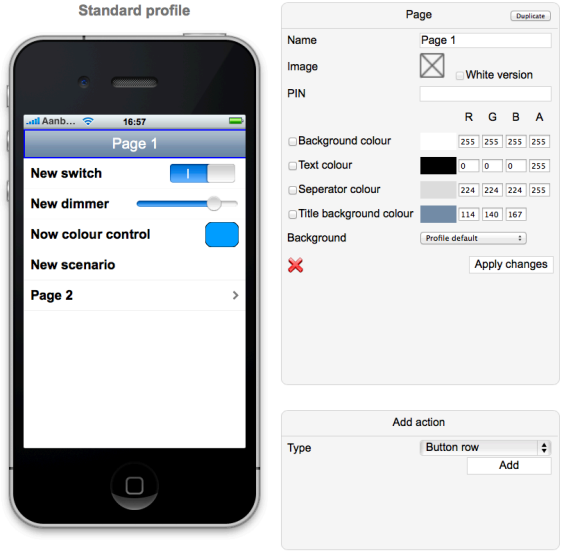


Image 2: Page configuration

You can change the name of the page. This name is displayed on the top of the page itself and on every link you use on other pages to redirect to this page. For these links you can also select an icon to be

shown next to the page title. Through the *Images* menu you can also add personal icons.
For securing a page you can add a PIN code. When the link to this page is selected from another page, this PIN code is required before you can continue.

After any changes always confirm your actions by clicking the "*Apply changes*" button.

Adding actions

After these general page settings, actions can be added to the page. In the section shown on the bottom right hand corner of the screen you can select the type of action you want to add. An overview and explanation of the most used types is included in addendum A.

Almost every action that is added to a page must be connected to a component in de automated home. For instance to control lights with a switch or dimmer, control LED lighting with the colour control, setting the temperature using a thermostat, etc.

All available components have already been added by your installation professional. For every type of action you can make a selection of the appropriate components. After connecting the action to a home automation component you can change the name that is displayed on the page. Depending on the type of action additional settings may be available, for instance the use of icons or other options.

Certain actions have an option "ask for confirmation" as extra precaution before performing that action. This prevents you from performing an action by accident, for instance to close the shutters unintentionally.

You can remove an action by clicking the red cross or move an action up or down by using the up and down arrows.

In the *Pages* menu you can add new pages. By using the action type "Link to page" you can refer from one page to another.

5. Start-up page

Every profile has one start-up page. This page is the root of your profile and is shown first. From this page, links to other pages can be included to navigate through the entire profile. When using the xxter app on a tablet, the start page is always shown on the left hand side when the tablet is in the landscape position.

You can select which page you want to use as the start page. By selecting *Profiles* -> "*name of your profile*", you have the option to change the start-up page of your profile.

Image 3: Start-up page and page links

After you have configured your profile and one or more pages, you can load it into the app on your smartphone or tablet.

6. App download and settings

You can download and install the app from the iTunes App store or Google Play. Direct links can be found on the website http://www.xxter.com/, but you can also search the App store or Google Play for "xxter". The app is free to download.

After the app has been installed and started, open the configuration menu by tapping the icon in the right hand top corner. In the menu choose *Settings*. In case your smartphone or tablet is connected to the same wireless network as the xxter device, the app will automatically find your xxter and fill in the appropriate settings. You will only have to enter your username and password.

In case the settings are not detected automatically, you can enter the IP address of the xxter device manually. You can find this information on the back page of this manual or on *My xxter*, on the devices page:

http://www.xxter.com/myxxter

In addition to the internal IP address of the xxter device, you can also enter the external address in case you want to be able to use xxter fro outside the house or office. This can also be found as the "IP or host (external)" on the *devices* page of *My xxter*, in case it is not automatically detected.

For extra security it is possible to set up a shared key on the xxter device, for communication with the app. In most cases this can be left empty.

After the username, password and the IP address of your xxter device have been entered, select the "*Profile:*" option and then "*Load profile configuration*". You can then select the profile you want to use. Select "yes" when you are prompted to load the selected profile.

You can now use xxter to control your automated home.

7. Creating scenarios

You can create and manage scenarios from the xxter app to use them in the visualisation and from the automated home. A scenario is a set of actions you can have performed with one push of a button. For instance you can select a series of lights to turn on or off, but also include music control or RGB colour led lighting.

To manage scenarios, push the configuration icon in the right hand top corner on the start-up page in the app and then select *Scenarios*. All available scenarios will be automatically loaded from the xxter device, that have been previously created by the installation professional. In case no scenarios are shown, please contact your installation professional.

Select the scenario you want to edit. With the option "*Add action*" you can select a relevant action from your home automation to be controlled through the scenario. Apart from the standard components you will possibly also see available uPnP or infrared commands to control your audio/video equipment, in case these options are detected. After you have added a component to the scenario you can set the value you want the component set to, for instance to turn it on or to set it to a certain dim value. By swiping a component to the left, you can remove a component from the scenario.

Image 4: Editing a scenario

If you select the "*Live preview*" option, the scenario is immediately performed so you can verify whether all the components are set as intended. When you press the "*Done*" button the changes will be saved to the device. When you now use the scenario from the visualisation or from the automated home, the selected actions will be performed.

8. Using the scheduler

With the scheduler it is possible to have an action be performed automatically on predefined times and/or days. For instance you can have your lights turn on in the morning as an alarm clock or automatically turn on the garden lights in the evening.

To set up the scheduler push the configuration icon in the right hand top corner on the start-up page in the app and then select *Scheduler*. Any already created schedulers will be shown and with the option "*Add scheduler*" you can create a new scheduler.

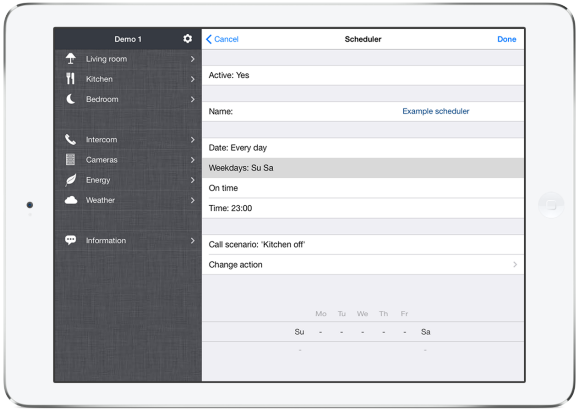


Image 5: Setting up a scheduler

You can give the scheduler a name and select on which dates or days you want the scheduler to become active. You can also select a time when the action should be performed or choose the sunrise or sunset times as the preferred trigger, including an offset. For instance "one hour before sunset".

On the bottom of the page you can select the action you want to have the scheduler perform. Apart from the standard components you will possibly also see available uPnP or infrared commands to control your audio/video equipment, in case these options are detected. In case you want more then one action to be performed, you can use the scheduler in combination with a scenario.

On the top of the page you can set the scheduler to active or you can select it to be active depending on a value that is set in the home automation. This can be useful, for instance to let the curtains open automatically in the morning only when the alarm system is activated.

When you press the "*Done*" button the changes will be saved to the device and the scheduler will be shown on the overview page. Schedules that are active are listed as green and deactivated schedules are shown in red.

9. Additional configuration options

In the app there are several additional configuration options available.

Configuring a PIN code
You can protect access to the *Settings* page and other parts of the configuration with a PIN code. To do this, you can enter a code on the *Settings* page, under "*Access to settings*". Subsequently you can also enable the PIN code for other configuration options, like the scenarios and the scheduler.

When you no longer want to use a PIN code, you can update and remove the code.

Alert log and service shop
In case you use the alert service, see chapter 10, you can see all previously received alerts in the *Alert log*. In case you want to use SMS text messages for the alert service, you can buy credits for these on an iPhone or iPad. The credits will be paid through your iTunes account.

Multiple configurations
In case you want to use multiple xxter devices or multiple profiles next to each other, you can select the option "Multiple configurations" on the top of the *Settings* page.

After this option is set you can choose a different configuration on the *Configuration* page (one menu level higher), by swiping to the left or right over the screen. On the top of the screen the account is shown that is selected. You can use 5 different profiles/account next to each other.

When using multiple configurations, it is recommended to also supply an account name, on the top of the *Settings* page.

10. Alert service

The alert service allows you to set up messages that can be sent to you from your automated home in certain situations.

The configuration of the alert service is done in two steps.

Step 1: setting up alert text and recipients

This can by done using *My xxter*, using the following web page:
http://www.xxter.com/myxxter

Choose the profile you are using from the *profiles* menu. You now see the alert service profile and the amount of credits you have for sending SMS text messages.

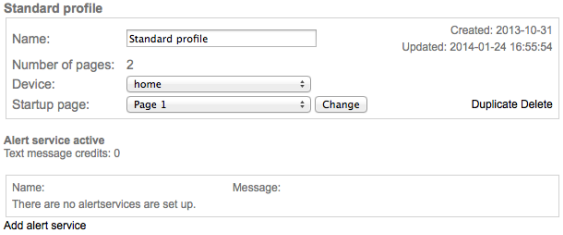


Image 6: Alert service

By selecting *"Add alert service"* you can create and set up a new service. By clicking on an existing service, you can change it.

You can give the alert service a name and define what alert text you want to have sent in the alert. In the text of the alert message you can also use the following special character combinations:

[x] This will be replaced by the value of the action that has triggered the alert service, for instance a temperature value.
[d] This will be replaced by the date of the message. (short notation, only the day and month)
[D] This will be replaced by the date of the message. (long notation, day, month and year)
[t] This will be replaced by the time of the message. (short notation, only hour and minute)
[T] This will be replaced by the time of the message. (long notation, hour, minute and seconds)

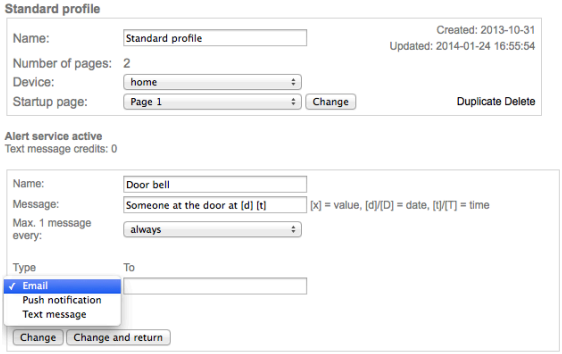


Image 7: Adding an alert service

If you want you can restrict the amount of messages that are sent within a timeframe. For instance you can choose to send no more then 1 message every minute. For SMS text messages this restriction is automatic (1 message per minute per service) to prevent from using up your credits faster then intended.

Additionally you must add the recipient(s) of the message. Messages can be sent by push message, email and SMS text message. To be able to send SMS text messages a sufficient amount of credits is required.

When using SMS text messages, use the international notation for phone numbers, for example: +31612345678

Push messages use a special service from Apple and Google to send messages quickly and easily to your iPhone, iPad or Android device. When using push notifications you can optionally select the page of the visualisation you want to be redirected to, when you receive a message, for instance a page with a camera or intercom on it. The devices you can select to send a push message to are automatically updated when you have downloaded the profile on a certain device.

Step 2: Setting up the trigger for an alert message

This can be done using the web page of your xxter device. You can access this using the *Link to local settings*, which you can find on *My xxter* on the device page in the *devices* menu. You can only access the web page of your xxter device from within your own network (home/office). You can log on to this page using your xxter username and password. First select the menu option *Settings – system* and then push the "*Load*" button at the *Load personal configuration* option. This will download the services you have added in step 1 to the device.

Then open the menu option *Triggers* and click the "*Add*" button.

Image 8: Adding a trigger

Enter a name for the trigger, to be able to recognise the alert service.

In the *Trigger* field you can select what should trigger the alert and under which circumstances. For instance for a door bell only the trigger itself is relevant, so you can select "Every telegram". In other cases, for instance when a temperature rises or falls beyond a certain value, you can add a restriction when you want to be informed.

For restrictions you have the following options:
"=" means the value of the telegram/action has to be exactly the same as the set value.
"<" and ">" means the value needs to be smaller or larger then the set value.
"< (1)" and "> (1)" means an alert should only be given the first time a value falls below or rises higher then the set value.

A BIT action can be 0 or 1, a BYTE action can be 0 to 255 and most other actions are a decimal number, for instance a temperature.

For instance when you want to send a message when the temperature falls below 5 degrees Celsius, you can best select the "< (1)" option. This will make sure you receive a message when it gets too cold, but not for every subsequent temperature change below that. Only when the temperature has been above 5 degrees and then again falls below it, you will receive a new message.

Action: Apart from the alert service you can optionally also select an action that should be performed when the trigger is activated.

Alert service: Here you can select the alert message that should be sent as the alert. This is the message you have composed in step 1.

With Triggers it is also possible to trigger an action without using the alert service to send a message.

On the Triggers overview page you can change existing triggers, temporarily disable triggers or remove them.

11. Service and support

In case you encounter any problems or if you have questions, please contact your installation professional.

Answers to frequently asked questions can be found on:

http://www.xxter.com/faq

Additional support can be found on:

http://www.xxter.com/support

In case you are unable to resolve the issue, you can contact us on support@xxter.com. Please always include the serial number of the xxter device it concerns.

ADDENDUM A (action overview)

Actions can be added to every page in the visualisation. Below you will find a short description of the actions that are most often used.

Switch
With a switch you can turn a light on or off, but for instance also open or close curtains.

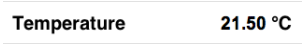
Dimmer
With a dimmer you can not only turn a light on or off, but also dim it to a specific brightness. This is done using the slider.

Scenario
By using a scenario action you can trigger a scenario. More information on how to set up a scenario, see chapter 7.

Shutter / blinds
With a shutter action you can control a shutter or blinds, but for instance also control curtains. This action should be connected to two switch commands: one for the up/down or open/close movement and one to stop the current movement.

Link to page
With this action you can go to another page in the visualisation.

Send value
With this action you can send a pre-set value to the automated home, for instance to open a door or to set the thermostat to a specific mode.



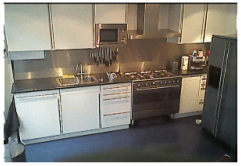
Display actions
There are several display actions available:
- Display temperature;
- Display light intensity;
- Display wind speed;
- Display atmosphere pressure and
- Display humidity

Depending on the chosen display option, you can choose the corresponding action for the automated home.

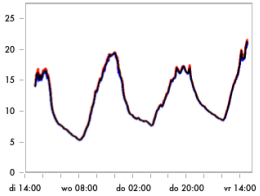
Thermostat
With the thermostat action you can display the current temperature as well as the intended temperature, which can be adjusted. To the thermostat action two commands should be connected: one for the current temperature and one for the desired/set temperature.

Colour control
With the colour control you can easily select a colour for RGB led lighting. There is a basic version which only displays the colour wheel and also a version wherein you can additionally select the hue from a colour triangle in the middle.

Camera
With this action a camera image or intercom can be added to a page.



Graphs
With this action a graph can be added to a page.



Button row
A button row allows you to add a row of 1 to 6 buttons to a page. Every button can be connected to an action in the automated home.

Technical specifications

Size (lxwxh): 180x152x38mm
Weight: 0,5 kg
Voltage: 5VDC
Power consumption: 300mA (avg.)
Cooling: passive

Accessories:
- Adapter 5VDC
- UTP cable
- enOcean antenna (only for models HE01, HCE01 en HKE01)
- Installation manual EN
- User manual EN

Internal IP address: _____

Dynamic DNS: _____

Username: _____

Serial number & mac address: